

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2523] 30M Best DX
Message-ID: <199508150410.XAA06132@chuck.dallas.sgi.com>

Gang,

I promise I won't post any more on 30M this week.

I just worked on 10.101MHz at 0359 UTC with 0.95W using an NN1G SWL30 rig with 30M long wire and 4Ahr Gel-Cell a station ZL2UW, Doug, he was 559 and I got a 339. You gotta be there at the right time and place to work 'em.

I think I'll patent the "when the band is closing" work DX rule. I was working a 6 and go through and decided to listen in the "DX Window" from 10.101 to 10.106MHz and heard him working another station and he finished then stood by and no one else in the world called him. So jump I did.

Don't have a DX callbook. Know that ZL2 is New Zealand and it just about the other side of the world from me. My best Mile/Watt ever I think.

dit dit es cl

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Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: joe@westonia.com (Joseph Cooper)
Subject: [2520] 30m Oak Hill and other things
Message-ID: <m0siBke-0010FaC@gpu.westonia.com>

I have to say that the reports on the 30 meter QRP activity are very important. Least we forget that 11 meters was lost due to lack of activity, and even with new bands being given out their is no guarantee that they won't be taken back. Its not what we do on the bench that will be the measure of our activity, but how we work the bands we have. Lets have more reports of this type.

For the enquiry on Oak Hills Research products, check out the review in the December 1994 issue of 73 magazine. Frankly they appear to be a bit tricky for those that do not have a background in building equipment (but I may be

wrong on that). Check it out.

Personally I would like to know about Techsonics products. They are offering a milliwatt kit for 20/30 or 40 at only \$29.95 U.S. (case extra). They also have some 5 watt kits for about \$50.00 U.S. Are they O.K.?

My personal project at this time is the rebuild of a Heathkit HW-7. I bought this unit new when it first came out (which may make me a pioneer in the field ;-)), and was able to contact California from Toronto Ont on 2 watts. I'd like to know if there are any of you out there who have worked with this unit. I know there are modifications for the latter Heath models, but I've seen little on the '7'. Correspondence would be welcome on this.

=====
* Joseph Cooper-VE3FMQ QTH-East York-near Toronto Ontario Canada *
* Interests are:- BCB and VLF Radio-Woodworking-Steam Railroads - *
* -Nikola Tesla-Antique Radios-Crystal Radios-Travel-Burmese Cats *
* FAX (416) 423-7782 9:00pm to 5:00pm EDST Monday To Friday Only *

From qrp-l@lehigh.edu Tue Aug 15 19:32:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2522] 30M Thing
Message-ID: <199508150316.WAA05983@chuck.dallas.sgi.com>

Wow, the luck of the draw. It is really remarkable that I get on a band that is seemingly dead and call CQ. Then I get an answer from an N5 in UT who is about to break both my eardrums. At first, due to the call I thought he was a local!! Picked up UT, WA, and NM. 13 to go Bob!

Of course, the night is not over yet. :-)

I haven't been on 40 in so long I hope some of you guys and girls are holding the freqs for us while we are up here on the VHF bands (JOKE for the humorless) working in the IR bands. :-)

Going for WAS in 90 days. Well, a good try at it at least.

dit dit with 0.95W

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Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: Mike Robinson <miker@cc.com>
Subject: [2538] Alignment tool
Message-ID: <9508152013.AA01793@voder.nsc.com>

Sorry for repitition. I lost a decimal point.

For sale:

S&S frequency counter. 4 digit display.
0.5MHz to 75MHz range. Kit is assembled and
in a steel case. It's a little rough but
works perfectly.

\$50 shipped in US48.

Used to range check of several QRP rigs. I now
have the MFJ259 so I don't need the S&S.

please e-mail off-list.

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=====
7.3 de Michael aa0ub          | QRP:
miker@cc.com          Norcal #857 | "This thing's a radio?"
=====
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From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: Mike Robinson <miker@cc.com>
Subject: [2537] Alignment tools
Message-ID: <9508151954.AA00948@voder.nsc.com>

For sale:

S&S frequency counter. 4 digit display.
5MHz to 75MHz range. Kit is assembled and
in a steal case. It's a little rough but
works perfectly.

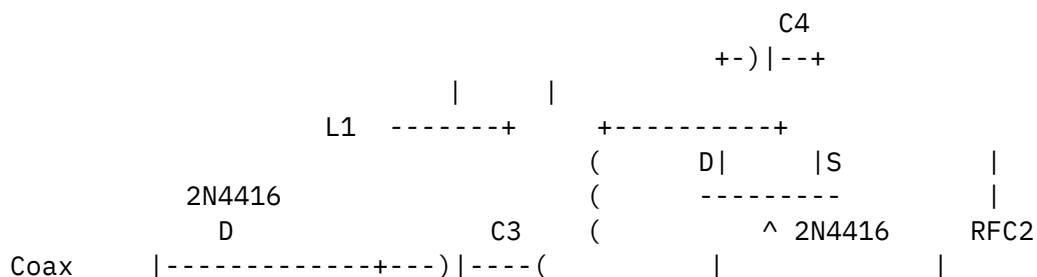
\$50 shipped in US48.

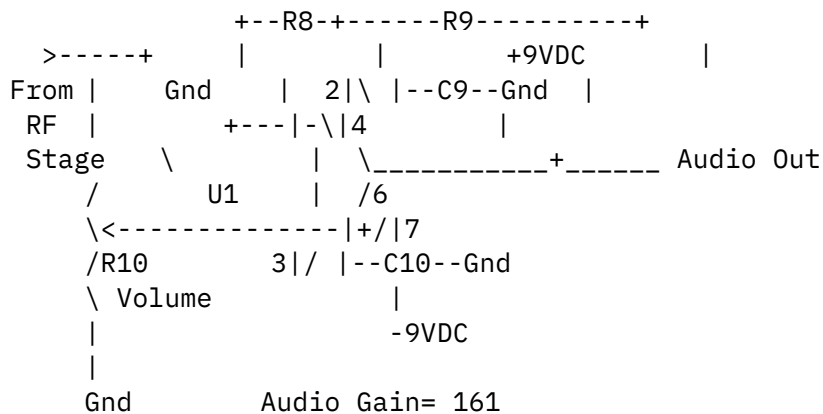
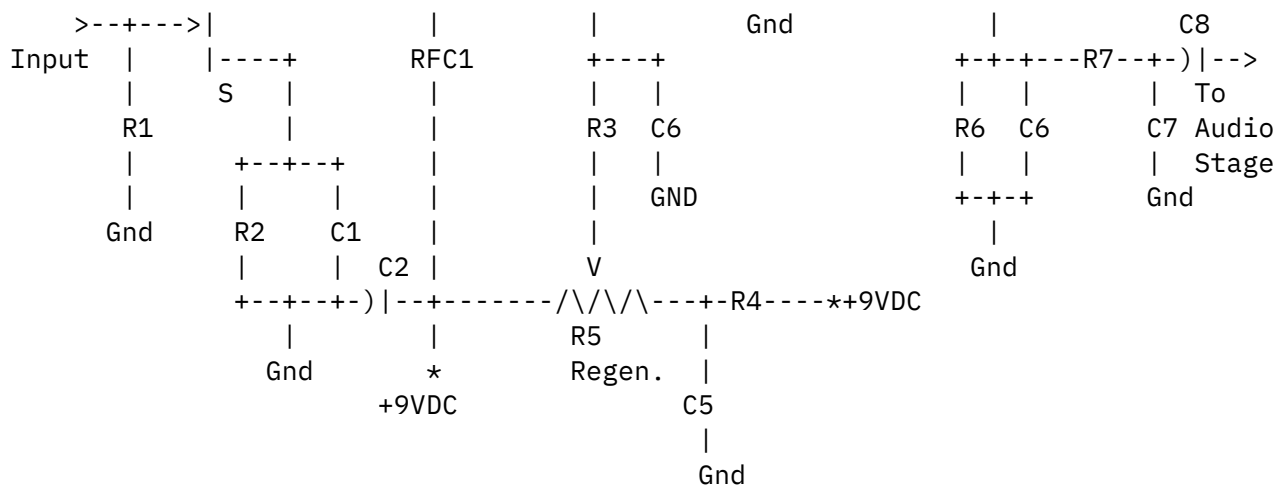
Use to range check several QRP rigs. I now
have the MFJ259 so I don't need the S&S.

```
=====
7.3 de Michael aa0ub          | QRP:
miker@cc.com                  | Norcal #857 | "This thing's a radio?"
=====
Take a look at:
  http://www.townhall.com/
  http://www.acs.oakland.edu/oak/SimTel/msdos/hamradio.html
=====
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I had a request by Sam N3UTM for an ASCII rendition of the other regen receiver by Charles Kitchin N1TEV that I recently mentioned I had found in EDN magazine. So here it is, slightly cheesy in appearance, but electrically correct (he said).

72's , Ray WB6TPU
raymonda@radium.eng.sun.com





R1 75 ohms
 R2 200 ohms
 R3 1K ohms
 R4 130 ohms
 R5 5K pot (Regen. control)
 R6 10K
 R7 100K
 R8 1K
 R9 160K
 R10 100K pot (Volume Control)

RFC1 15 uH
 RFC2 15 uH
 C1 1000 pF
 C2 1000 pF
 C3 10 pF
 C4 1 to 3 pF
 C5 .01 uF
 C6 1000 pF
 C7 100 pF
 C8 .1 uF
 C9 .01 uF
 C10 .01 uF

Q1, Q2 2N4416

U1 AD745JN

L1 Air core wound on 3/8 OD copper pipe form (pipe removed)
 Tap 1 turn from bottom

88-108 MHz 7.5 turns #14
 118-156 MHz 5 turns #14

130-210 MHz 3 turns #14

Current consumption: ~ 10 mA

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: Raymond.Anderson@Eng.Sun.COM (Ray Anderson)
Subject: [2540] ASCII Schematic OOPS
Message-ID: <9508152031.AA05265@radium.Eng.Sun.COM>

On the ASCII schematic I just posted, mentally insert a
1-10 pF tuning capacitor from the junction of L1 and Q2 to
ground.

72 de WB6TPU

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: mvjf@mvubr.att.com (James M Fitton 508 960 2577)
Subject: [2524] Hamstick-40
Message-ID: <9508150722.AA25772@ig1.att.att.com>

Try it !

The Hamstick-40 continues to amaze

Checking into the QRP NEN NET with 2W, from Salem NH to MD
on Sat. morning was a breeze.

Sat. evening, Germany, Poland, & Italy were worked during
the EU contest while driving up the NH coast.

Although the contacts did not come easily (for the DX station),
they were consumated and valid.

Over a dipole, the endfed wire or hamstick antenna may get the
job done and is much quicker to use if set-up time is critical.

56 and Still learning

72 W1FMR

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: brian.carling@acenet.com (Brian Carling)
Subject: [2532] My "Cyber-disappearance"
Message-ID: <2a6.39394.500@acenet.com>

Well folks, it's been a couple of weeks now since ANY E-mail or
listserv messages have arrived for me here at good old
brian.carling@acenet.com

And here is the explanation from our SYSOP/Postmaster/System
Administrator here:

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: Jeff Gold <JMG@tntech.edu>
Subject: [2533] Oak Hills 4 bander
Message-ID: <01HU3I176JB6934XDA@tntech.edu>

Anyone actually get delivery on the new Oak Hills kit?

72

Jeff, AC4HF

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: wa5whn@ix.netcom.com (Jay Miller)
Subject: [2527] OHR 4 bander
Message-ID: <199508151227.FAA15145@ix6.ix.netcom.com>

Ola Amigos & Amigas,

I was chatting with Bob Levine, of Radio Devices. Bob had informed me
that there was some problem with the paint job, on the chassis of the
OHR 4 band kits. I did not receive a ship date, but Bob had informed me
that they would ship, once this paint issue is resolved. This
conversation, via email, had taken place last week. I have the dual
band (20/40) Xcvt from OHR, other than some minor mods, to cure the AGC
thumping (strong signals), it works fine, a bit on the large
(physical) side for backpacking, but for camping, OK.

Ref: NW QRP Net, it was nice to hear W5XE, K5F0, and others on
(10.124 MHz, @ 7:00 PM PDT, Monday, NCS: N7MFB). Sorry Guys if I did
not answer right away, there was a electrical storm in the area, plus I
had just discovered a local business, within a 1/2 mile of my QTH, now

was Neon lights up (S-9). Guess what I can hear very well, in the 30 meter band ? Not quite spark gap spectrum usage, but close.

72...Jay, WA5WHN, Albuquerque, NM
QRP-ARCI #7974, CQC #30 (+/- 3 db)

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: Mike Connor <mikec@primenet.com>
Subject: [2535] Qrp info needed
Message-ID: <199508151622.JAA16124@mailhost.primenet.com>

Greetings to all,

After being away from the hobby for quite awhile, it seems that the bite from the Qrp bug is bringing me back. The idea of homebrewing/kit building your own rig sounds like fun, so now I have many questions. Hope you guys can help me out.

I've been monitoring the list here for awhile and noticed that the Norcal 40 and SW-30 are popular rigs. Where can I get info on them?

I sent for the Oak Hills catalog; any pros/cons to their kits?

I read a post about Qrp nets, any info on time and freq of these?

What is everyone using for antennas?

I don't see many posts about the MFJ stuff; hmmm. Any input?

Ten Tec has DC receiver kits, any experiences with these?

Basically, I don't want to yank my hair out over semi adequate gear. I would like solid performance out of whatever I end up with, thereby insuring a higher fun factor from the beginning. I know that there are many sources of equipment/parts for the casual operator, but I want to know what the HARDCORE QRP'er uses. I don't want to buy/build only to discover that I should have done something else.

BTW, part of the reason for my interest has to do with the spirit of this group. Sounds like you guys are having a good time!

Thanks in advance for any input you can offer...

Mike
NQ7K

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: Dave Williamson <dcwill@ix.netcom.com>
Subject: [2526] RAM
Message-ID: <199508151219.FAA03124@ix5.ix.netcom.com>

Sorry for the off-topic topic, but I wanted to make the offer to my fellow
qrpers first ...

8-meg 72-pin simm, \$300.
1 or 2 4-meg 72-pin simms, \$150 each.

Is this reasonable (\$37.50 a meg)? I would ship. If you're interested,
please e-mail direct to:

dcwill@ix.netcom.com.

Thanks and 1/73rd de aa4zx/8

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: torell@sicom.com (Kent Torell)
Subject: [2543] solar finger
Message-ID: <ac56d3e80001500555c1@[192.91.202.41]>

I used to use finger solar@xi.uleth.ca to get a 3 day forecast for
solar activity (especially the a index) but our internet host returns an
unknown host message for xi.uleth.ca :(Anybody know where it went?
Kent Torell KJ7EY

Kent Torell torell@sicom.com 602-483-2867
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: Goran Hosinsky <hosinsky@royac.iac.es>
Subject: [2525] SW30 and QRO
Message-ID: <9508141303.AA02619@royac8.royac.iac.es>

I had my SW30 connected to a zepp hung under my beam, power on, last night when working 21MHz and 7MHz with 100 W from my old TS520. When I tried the SW30 afterwards it was quite dead.

Reason: the output protection Zeener, D11 had burnt through and was shorting the power supply to ground, taking out the fuse. No other damage.

73 Goran ea8yu hosinsky@royac.iac.es

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2530] US Cities
Message-ID: <199508151317.IAA06747@chuck.dallas.sgi.com>

Gang,

I have moved over to ftp.LeHigh.edu all 50 states plus DC in files named AK, AL, AZ, etc. Contained within each file is all the cities in that state with long/lat in degrees (NOT degrees.min.sec format usually found in databases). This is 125,503 cities, parks, and county seats (which doesn't agree with the 3073 or so given by the CHC - TX shows more than 254 county seat and as a native I had memorized all 254 and know that there are no more) and more than 9.6MB of data.

The first line of each file has the long/lat for the geographical center of the state.

Enjoy and Jim E. will post when the data is available.

I assume pub/listserv/qrp-1/atlas

I picked the name atlas in hopes that DX members of this group can come up with databases for the rest of the world. Makes things simpler if we had it online for distance calculations.

See ARRL Operating Guide and Handbook for Spherical Trig formulas and the code on ftp.LeHigh.edu for C program to calculate distances.

dit dit

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Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: PDouglas12@aol.com
Subject: [2534] Wilderness Sierra
Message-ID: <950815111953_75039233@aol.com>

Gang,

Yesterday's mail brought a flyer from Wilderness describing its upcoming and current products. Prominently displayed is the Sierra Kit which is Wayne Burdick's multibander that the Norcal group kitted first. This is the one with the band modules that plug into the main board with edge connectors. I missed that offering last year, and regret it. Wilderness is promising December shipping for orders received and paid before Oct 1 with a \$15 discount for prepaid orders before that date.

I am planning to send in my order for the Sierra, but would really like some feedback on this radio from current owners. I am interested in the stability of the rig from band to band, receiver sensitivity on the higher freqs, output consistency, signal quality, and overall operating quality. I would want to use this radio as a main station rig for CW on all bands in the sixpack. I have enough little toy radios already, and am looking for a serious rig. Does the Sierra have sufficient total cumulative stage gain and audio to drive a speaker properly and without microphonics? How's the filtering? How's the dial calibration (assuming proper alignment)? In other words, how does it feel?

Do I have to build one myself and review it, or is there a critical review out there already? In other words, what do you like and (don't be shy) what don't you like about your Sierra?

72, Preston WJ2V

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: mitchell@dtcs70.dtc.Kodak.COM (Brad Mitchel)
Subject: [2528] winteroook keys.
Message-ID: <9508151304.AA03825@dtcs70.dtc.kodak.com>

I got this free ham trader in the mail, and I saw these keys advertised. Memory is now refreshed..

Are the people that bought the iambic keys actually using them, and are they holding up??

73

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|  _ _ _ _ _ _ _ _ _ _ |   Bradley S. Mitchell Senior Project Development Engineer  
| | / / / / / / / / |   Eastman Kodak Company  
| | / / / / / / / / |   KEMD Electronic Products  
| | < < K O D A K | |   Circuit Board Assembly Dept. 606 Test Engineering  
| | \ \ \ \ \ \ \ \ | |   901 Elmgrove Road Rochester, N.Y. 14653-5211
```

| |__\ _____| | (716) 726-5775, FAX (716) 726-7109
| |_____| | INTERNET: bmitchel@kodak.com
----- Amateur Radio Callsign WB8YGG

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: Paul Harden <p Harden@aoc.nrao.edu>
Subject: [2541] Re: ASCII Schematic of JFET VHF Regen Rcvr.
Message-ID: <199508152036.0AA24863@zia.aoc.nrao.edu>

Ray,
Thanks for posting the FET version of the regen receiver. I just don't think I could have loaded another ascii schematic this month! You haven't lived until you've tried it. Great job, and I know how long it takes. BTW, those FET's sure look easier to do ascii than trying to do an NPN -hi.

Anyone who builds one of these regen circuits, please let me know. Future articles are planned for CQC and St. Louis QRP Clubs (so we can retire qrp-1 from the regen business). Myself and NF0R are interested in how your project turned out, the success, how you built it, etc.

72 es GL,
Paul NA5N

P.S. - I know of two hams who built the NPN version this weekend and both work. One calibrated his off WWV on 5,10 and 15 MHz, just about the full tuning range. One even found CHU ... so they do work.

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [2529] Re: OHR 4 bander
Message-ID: <9508151315.AA03984@rgfn.epcc.Edu>

Jay, and net the actual NWqrp frq is supposed to be 10.123, but due to some digital person, it moved up a little. Seems that someone comes on everytime a qrp station or net sets up on 10.123 - anyway good to hear you and all the others on the net - I even heard K5FO on the freq while waiting for the net but I didn't hear him check in. I did hear Dave, K4TWJ check in. Remember fellows, 10.123, Monday eve 0200 UTC (Tuesday) lots of ears waiting to help relay you into the net if Bill, N7MFB cant

hear, 72/73 Ray, W5XE/V31XE, El Paso.

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: JCoote@aol.com
Subject: [2521] Re: QRP+ AND AIRPORT METAL DETECTORS
Message-ID: <950814213427_74594479@aol.com>

The fields around metal detectors are pretty weak.. I doubt any problems for your QRP gear.

But be careful with airport security (minimum wage idiots playing at being coppers). Electronic equipment of an unusual nature will pass through their xray machines and they may want to take a look. Rolls of antenna wire, nicad packs look suspicious in a security xray.

A colleague of mine was going to fly between two large US airports. He had a suitcase full of specialized electronics equipment (receivers and RF test equipment). The goofy security person (rather than ask him to open the case) opened the case upside-down a yard above a table and damaged a \$1500 piece of equipment.

Your equipment is more likely to be damaged by a security flunky than by RF or EM. Lock your case so you can unlock (and open) it yourself if asked, and pack things so they won't fall out if an overzealous customs/security person decides to open your suitcase the wrong way. If you plan foreign travel with ham gear, have all the licensing and permits on hand- some governments are paranoid about the espionage or criminal potential of amateur gear.

73, Jay
WB6AAM

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [2536] Re: US Cities
Message-ID: <95Aug15.131458edt.14522-4+10@hooch.CC.Lehigh.EDU>

Gang,

The K5F0 long/lat data is available from ftp.Lehigh.EDU in pub/listserv/qrp-1/atlas, or via the list server. If there are any problems accessing this stuff please e-mail me privately.

/jim

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: PDouglas12@aol.com
Subject: [2531] Re: winterook keys.
Message-ID: <950815093415_54938842@aol.com>

Bradley, I have the Whiterook paddles hooked in parallel with my Benchers, in case I feel like leaning back and doing casual code. The Benchers are the day to day workhorses. I do not use the Whiterook straight key at home. On the road, it would be fine, though--if I ever take a rig with me when I travel! Come to think of it, I don't use any straight key at home, unless I am tuning, testing or for SKN New Years Eve.

The Whitrook paddles are wired backwards from my Benchers, but this is no problem with the CMOSII keyer, as it reverses at the touch of the two outside buttons. So it is momentary to switch between the keys.

I still like the Whiterooks, though I emphasize that they would be tiresome for everyday use. They are fun for occasional informal operating.

Your main station needs a better set of paddles for consistent enjoyment of CW over the long haul.

I have my original review if you want to see it again.

72, Preston WJ2V

From qrp-1@lehigh.edu Tue Aug 15 19:32:00 1995
From: prvalko <prvalko@Oakland.edu>
Subject: [2542] Re: WWW Sites
Message-ID: <Pine.OSF.3.91.950815175121.6470A-100000@saturn.acs.oakland.edu>

On Sun, 13 Aug 1995, Jeffrey Hetherington wrote:

>

> I am setting up a homepage, and would like to include links to some sites
> of interest to QRPers and QROers alike. If you know of any good sites,
> could you please send me the URL via email so I can add it to my site.

Jeff brings up an interesting point. Everyone wants to get into the act with a homepage, these days. Heck, even *I'VE* got one
<http://www.acs.oakland.edu/~prvalko>

I think as readers of this list, and in general keeping with the philosophy of QRPers to be efficient, we should all agree to keep Steve's site at Notre Dame as the semi-official "home" for QRP information and make contributions to it, with POINTERS to that page in OUR personal pages. That's what I've done and recommend it highly.

Of course, I've forgotten what the URL is for the homepage, so you'll have to look at MINE to get it :-)
Really...

73! =paul= wb8zjl